IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Judith Schwabe

SERIAL NO.: Unassigned

FILING DATE: Herewith

TITLE: OVERFLOW SENSITIVE ARITHMETIC INSTRUCTION

    OPTIMIZATION USING CHAINING

EXAMINER: Unassigned

ART UNIT: Unassigned

CERTIFICATE OF EXPRESS MAILING

.I hereby certify that this paper is being deposited with the United States Postal Service as Express Mail Mail No.: <u>EV 263 601 055 US</u> in an envelope addressed to: Commissioner for Patents, Mail Stop: Patent Application P.O. Box 1450, Alexandria, VA 22313 on the date printed below:

Date: _11 - 12 -03_   Name: _____

               Carol Diez

MAIL STOP: PATENT APPLICATION
COMMISSIONER FOR PATENTS
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INFORMATION DISCLOSURE STATEMENT

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

This Information Disclosure Statement under 37 CFR §§ 1.56, 1.97 and 1.98 is not

to be construed as a representation that a search has been made, that additional

information material to the examination of this application does not exist, or that any one

or more of these items constitutes prior art.

I

This statement is filed pursuant to:

(X)   37 C.F.R. § 1.97(b).
This information disclosure statement is filed either (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; (3) before the mailing date of a first office action on the merits, or (4) before the mailing of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

( )   37 C.F.R. § 1.97(c).
This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (b), but before the mailing date of either (1) a final action under 37 C.F.R. § 1.113; (2) a notice of allowance under 37 C.F.R. § 1.311; or (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17 (p) for submission of an information disclosure statement under 37 C.F.R. § 1.97 (c) ($180); or a certification according to 37 C.F.R. § 1.97 (e).

( )   37 C.F.R. § 1.97(d).
This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) ($180), and a certification according to 37 C.F.R. § 1.97(e).

If this statement crosses in the mail with an office action, or is otherwise not in the

indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be

treated in the next appropriate category and made of record. To the extent required,

please treat this paper as a conditional petition for acceptance of the information

disclosure statement.

II

(x)   No fee is due.

( )   The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement
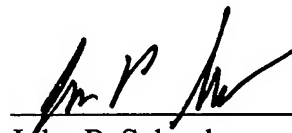   under 37 C.F.R. § 1.97(c) is enclosed ($180).

Please charge any additional required fee or credit any overpayment to our deposit

account number 50-1698. An additional copy of this page is enclosed.

III

Pursuant to 37 C.F.R. § 1.97(e) , I certify:

(X)   No certification is necessary.

( )   (1)   Each item of information contained in the information disclosure statement was cited in a
                communication from a foreign patent office in a counterpart foreign application not more than
                three months prior to the filing of the statement.

( )   (2)   No item of information contained in the information disclosure statement was cited in a
                communication from a foreign patent office in a counterpart foreign application, or, to my
                knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R.
                § 1.56(c), more than three months prior to the filing of the statement.

Respectfully submitted,
THELEN REID & PRIEST LLP

Dated: November 12, 2003

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Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. SUN-P8743		Serial No. Unassigned		
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant: Judith Schwabe				
		Filed: Herewith Group: Unassigned				

U.S. Patent Documents

Init.		Document No.	Date	Name	Class	Subclass	Filing Date
	A	5,408,670	4/18/95	Davies			
	B	4,400,769	8/23/93	Kaneda et al.			
	C	5,305,456	4/19/94	Boitana			
	D	5,740,441	4/14/98	Yellin et al.			
	E	5,784,553	7/21/98	Kolawa et al.			
	F	5,794,049	8/11/98	Lindholm			
	G	5,920,720	7/99	Toutonghi et al.			
	H	5,999,731	12/99	Yellin et al.			
	I	6,003,038	12/99	Chen			
	J	6,026,237	2/00	Berry et al.			
	K	6,075,863	6/00	Krishnan et al.			
	L	6,093,216	7/00	Adi-Tabatabai et al.			
	M	6,477,702	11/5/02	Yellin et al.			
	N	6,308,317	10/23/01	Wilkinson et al.			
	O	5,446,901	8/29/95	Owicki et al.			
	P	5,884,316	3/16/99	Bernstein et al.			
	Q	6,182,158	1/30/01	Kougiouris et al.			
	R	6,212,633	4/3/01	Levy et al.			
	S	5,668,999	9/16/97	Gosling			
	T	5,732,263	3/24/98	Havens et al.			
	U	6,092,147	7/18/00	Levy et al.			
	V	3,805,045	4/16/74	Larsen			
	W	3,993,891	11/23/76	Beck et al.			
	X	4,504,924	3/12/85	Cook et al.			
	Y	5,497,340	3/5/96	Uramoto et al.			
	Z	5,606,677	2/25/97	Balmer et al.			
	AA	5,724,279	3/3/98	Benaloh et al.			

Foreign Documents

Init.		Document No.	Date	Country	Class	Subclass	Translation Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner	Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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Foreign Documents

Init.		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	BB	EP 0 778 522 A2	6/11/97	Europe			X	
	CC	WO 01/14958	3/1/01	France			X	

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

	DD	Sun Microsystems, Inc., "Java Card™ 20. Developer's Guide, August 19, 1998, Revision 1.12.
	EE	Sun Microsystems, Inc., "Java Card™ 2.0 Application Programming Interfaces", October 13, 1997, Rev. 1.0
	FF	Sun Microsystems, Inc., "Java Card™ 2.0 Language Subset and Virtual Machine Specification", October 13, 1997, Revision 1.0 Final
	GG	Sun Microsystems, Inc., "Java Card™ 2.0 Programming Concepts", October 15, 1997, Rev. 1.0 Final
	HH	Sun Microsystems, Inc., "Java Card™ 2.1 Application Programming Interface", June 7, 1999, Final Rev. 1.1
	II	Sun Microsystems, Inc., "Java Card™ 2.1 Runtime Environment (JCRE) Specification", June 7, 1999, Final Revision 1.1
	JJ	Sun Microsystems, Inc., "Java Card™ 2.1 Virtual Machine Specification", June 7, 1999, Final Rev. 1.1
	KK	Sun Microsystems, Inc., "Release Notes- Java Card™ 2.1 Specifications", June 7, 1999, Final Rev. 1.1
	LL	Sun Microsystems, Inc., "Java Check™ 3.0 Frequently Asked Questions", printed from http://java.sun.com/products/personaljava/jcheckfaq30-beta.html, on 12/3/99.
	MM	Sun Microsystems, Inc., "Java Check™ Technical Notice", printed from http://java.sun.com/products/personaljava/JcheckTechNotice.html, on 12/3/99.
	NN	Sun Microsystems, Inc., "Using Java Check™", Version 2.0.1, printed from www.sun.com/software/personaljava/techinfo.html, on 12/3/99.
	OO	Sun Microsystems, Inc., "Using Java Check™", Version 3.0, printed from http://java.sun.com/cgi-bin/download2.cgi, on 12/3/99.
	PP	Sun Microsystems, Inc., "The K Virtual Machine (KVM)", White Paper 6/8/99
	QQ	Ritchey, Tim, "Advanced Topics: The Java Virtual Machine" *JAVA!*, Chapter 14, pp. 25-346, Sept. 22, 1995
	RR	Daniels, John et al., "Strategies For Sharing Objects In Distributed Systems", JOOP, Object Designers Ltd. UK, pp. 27-36
	SS	Michael Shuttle et al., "Exact Rounding of Certain Elementary Functions", June 29, 1993, pp. 138-145
	TT	Ziv, Abraham, "Fast Evaluation of Elementary Mathematical Functions with Correctly Rounded Last Bit", September 1, 1991, pp. 410-423
	UU	George E. Necula et al., "Proof Carrying Code", November 1996, pp. 1-60

Examiner	Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.